receiving said transmitted signal, demodulating said signal to obtain an analog audio signal, and outputting said signal, wherein a digital audio signal obtained by digitizing said analog audio input signal is delayed and a delay output signal is compressed or expanded according to a detected signal level and transmitted or received.--

REMARKS

Claims 1-12 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.

Accordingly, the amendments made to the specification are provided to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend claims 1-12 by rewriting same to read as follows.

--1. (Amended) A wireless transmitting/receiving device comprising:

a first device having transmitting means for modulating and transmitting an analog input signal; and

a second device having receiving means for receiving [a] said signal transmitted [from] by said first device, for demodulating said signal to obtain an analog [input] signal, and for outputting said analog signal,

wherein said first device includes:

signal processing means for applying signal processing to a digital signal obtained by digitizing said analog input signal[;] and producing an output digital audio signal,

digital-to-analog converting means for converting [an] said output digital audio signal from said signal processing means into an analog [input] signal,

emphasis means including one means for increasing a gain of a high-frequency [signal] portion of said analog [input] signal converted by said digital-to-analog converting means [or emphasis] and means for increasing a gain of a high-frequency [signal] portion of said digital signal in said signal processing means, and

said signal processing means includes:

delay means for delaying said digital signal; and

signal compressing/expanding means for compressing or expanding a level of a delay output signal of said delay means according to a level of an input signal of said signal processing means.

--2. (Amended) The transmitting/receiving device according to claim 1, wherein said signal compressing/expanding means includes:

frequency characteristic control means for applying a frequency characteristic to said digital signal supplied to said signal processing means;

absolute value detecting means for detecting an absolute value of a signal level of an output signal [applied with said frequency characteristic by] from said frequency characteristic control means; and

level control means for changing said signal level of said output signal of said delay means according to said absolute value detected by said absolute value detecting means.

--3. (Amended) A wireless transmitting/receiving device comprising:

a transmitting device having transmitting means for modulating and transmitting an input analog audio [input] signal; and a receiving device having receiving means for receiving a signal transmitted [from] by said transmitting device, for

demodulating said signal to obtain an analog audio [input] signal, and for outputting said analog audio signal,

wherein said transmitting device includes:

signal processing means for applying signal processing to a digital audio signal obtained by digitizing said input analog audio [input] signal[;] and producing an output digital signal,

digital-to-analog converting means for converting [an] said output digital audio signal from said signal processing means into an analog audio [input] signal,

emphasis means including one of means for increasing a gain of a high-frequency [signal] portion of said analog audio [input] signal converted by said digital-to-analog converting means [or emphasis] and means for increasing a gain of a high-frequency [signal] portion of said digital signal in said signal processing means, and

said signal processing means includes:

delay means for delaying said digital audio signal; and

signal compressing/expanding means for compressing or expanding a level of a delay output signal of said delay means according to a level of [an input] said digital audio signal [of] input to said signal processing means.

--4. (Amended) The transmitting/receiving device according to claim 3, wherein said signal compressing/expanding means includes:

frequency characteristic control means for applying a frequency characteristic to said digital audio signal supplied

to said signal processing means;

absolute value detecting means for detecting an absolute value of a signal level of a digital audio output signal [applied with said frequency characteristic by] from said frequency characteristic control means; and

level control means for changing said level of said [digital audio] delay output signal [of] from said delay means according to said absolute value detected by said absolute value detecting means.

--5. (Amended) A wireless transmitting/receiving device comprising:

a first device having transmitting means for modulating and transmitting an analog input signal; and a second device having receiving means for receiving a signal transmitted from said first device, for demodulating said signal to obtain an analog [input] signal, and for outputting said analog signal,

wherein said first device includes:

signal processing means for applying signal processing to a digital signal obtained by digitizing said analog input signal; and

digital-to-analog converting means for converting an output digital signal from said signal processing means into an analog [input] signal, and

said signal processing means includes:

frequency band dividing means for dividing said digital signal into a plurality of frequency bands; and

signal compressing/expanding means for each band of said plurality of frequency bands for compressing or expanding an output level separately for each said band according to [a level] respective levels of said plurality of frequency [band] bands divided by said frequency band dividing means.

--6. (Amended) The transmitting/receiving device according to claim 5, wherein said frequency band dividing means includes [at least]:

low-pass filter means; and

high-pass filter means.

--7. (Amended) The transmitting/receiving device according to claim 5, wherein said frequency band dividing means includes:

fast Fourier transform means for fast-Fourier-transforming said digital signal; and

reverse fast Fourier transform means for reverse-fast-Fourier-transforming a signal obtained by compressing or expanding [an output signal transformed into] a frequency domain output signal transformed by said fast Fourier transform means.

--8. (Amended) A transmitting/receiving method for modulating and transmitting an analog input signal and for receiving said transmitted signal, demodulating said signal to obtain an analog signal, and outputting said analog signal, wherein a digital signal obtained by digitizing said analog input

signal is delayed and a delay output is compressed or expanded according to a detected signal level and transmitted or received.

--9. (Amended) A wireless transmitting/receiving device comprising:

a transmitting device having transmitting means for modulating and transmitting an analog audio input signal; and

a receiving device having receiving means for receiving a signal transmitted from said transmitting device, for demodulating said signal to obtain an analog audio [input] signal, and for outputting said analog audio signal,

wherein said device includes:

signal processing means for applying signal processing to a digital audio signal obtained by digitizing said analog audio [input] signal; and

digital-to-analog converting means for converting an output audio digital signal from said signal processing means into an analog audio [input] signal, and

said signal processing means includes:

frequency band dividing means for dividing said digital audio signal into a plurality of frequency bands; and

signal compressing/expanding means for each band of said plurality of frequency bands for compressing or expanding an audio output level separately for each band according to a level of said [frequency band divided by] digital audio signal fed to said frequency band dividing means.

--10. (Amended) The transmitting/receiving device according to claim 9, wherein said frequency band dividing means includes [at least]:

low-pass filter means; and

high-pass filter means.

--11. (Amended) The transmitting/receiving device according to claim 9, wherein said frequency band dividing means includes:

fast Fourier transform means for fast-Fourier-transforming said digital audio signal; and

reverse fast Fourier transform means for reverse-fast-Fourier-transforming a signal obtained by compressing or expanding [an output signal transformed into] a frequency domain output signal transformed by said fast Fourier transform means.

--12. (Amended) A transmitting/receiving method for modulating and transmitting an analog audio input signal and for receiving said transmitted signal, demodulating said signal to obtain an analog audio signal, and outputting said signal, wherein a digital audio signal obtained by digitizing said analog audio input signal is delayed and a delay output signal is compressed or expanded according to a detected signal level and transmitted or received.--